

ABSTRACT OF THE DISCLOSURE

A brushless motor for a blower fan unit has a circuit structure constituted by a drive control circuit and a fuse member. The drive control circuit supplying drive current comprises a first circuit section for eliminating surges of electric power and a second circuit section for controlling magnetic field generated by the stator. The first and second circuit sections are three-dimensionally arranged with a predetermined space therebetween.

The fuse member electrically connects the first and second circuit sections. An end portion of the fuse member is welded with the first circuit section, and the other end portion of the fuse member is soldered with the second circuit section. The fuse member cuts an electrical connection between the first and second circuit sections when a temperature of solder becomes higher than a predetermined temperature.

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